

Situational Awareness Workgroup



WORKGROUP MISSION

Our goal as a State is to coordinate the development of all (public safety) situational awareness tools and data sets so that we are maximizing their effectiveness across agencies and jurisdictions.

We're about data and applications more than infrastructure. Outside our scope:

- CCTV
- Computer networks
- Radios

SITUATIONAL AWARENESS (DEFINITIONS)

- Knowing what is going on so you can figure out what to do
- What you need to know not to be surprised
- Keeping track of what is going on around you in a complex, dynamic environment
- You know it when you have it (my new car)





- Knows where I am
- Knows where I'm going
- Knows about traffic ahead
- Tells me what I need know now (not 10 minutes from now, not about Virginia)
- Adjusts to changes in near real time
- Provides analysis
- Helps me communicate SA to wife

REAL TIME DATA IN OSPREY

- Hospital Status (MIEMS)
- Statewide Power Outages (Utility Web Sites)
- Shelters (Locals via WebEOC)
- Stream and Tidal Gauges (NOAA & USGS)
- Traffic Conditions on State Highways (SHA)
- Weather (NOAA)

<http://imap.maryland.gov/>

 @MDiMap

SANDY SPECIFIC DATA IN OSPREY

- MD Army National Guard Missions (MJOC)**
 - Early Voting Center Locations (Governor's Office / MEMA)
 - Routes prone to flooding (SHA)
 - Vulnerable Population Facility Status (DHMH, DHR)
 - Category 1 Storm Surge Inundation Areas (MEMA)
 - Civil Air Patrol and coastal imagery (FEMA)
 - Power outages by zip code (DOIT)**
 - Garrett County Road Closures (County and SHA)
 - Garrett County Downed Power Lines (County)
- ** Now improved and in OSPREY real-time everyday.

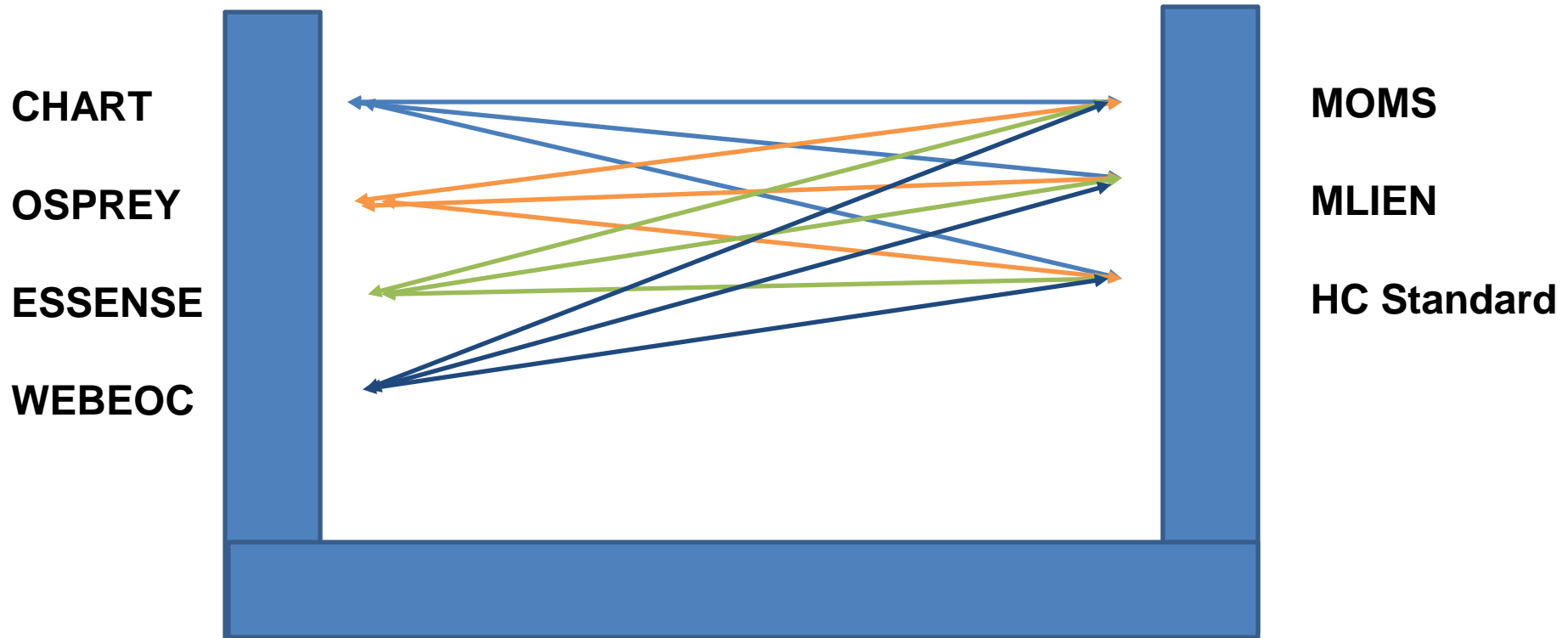
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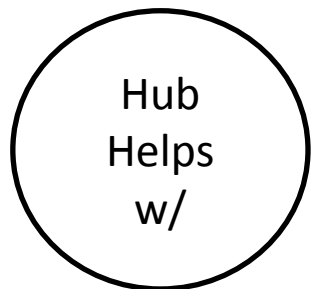
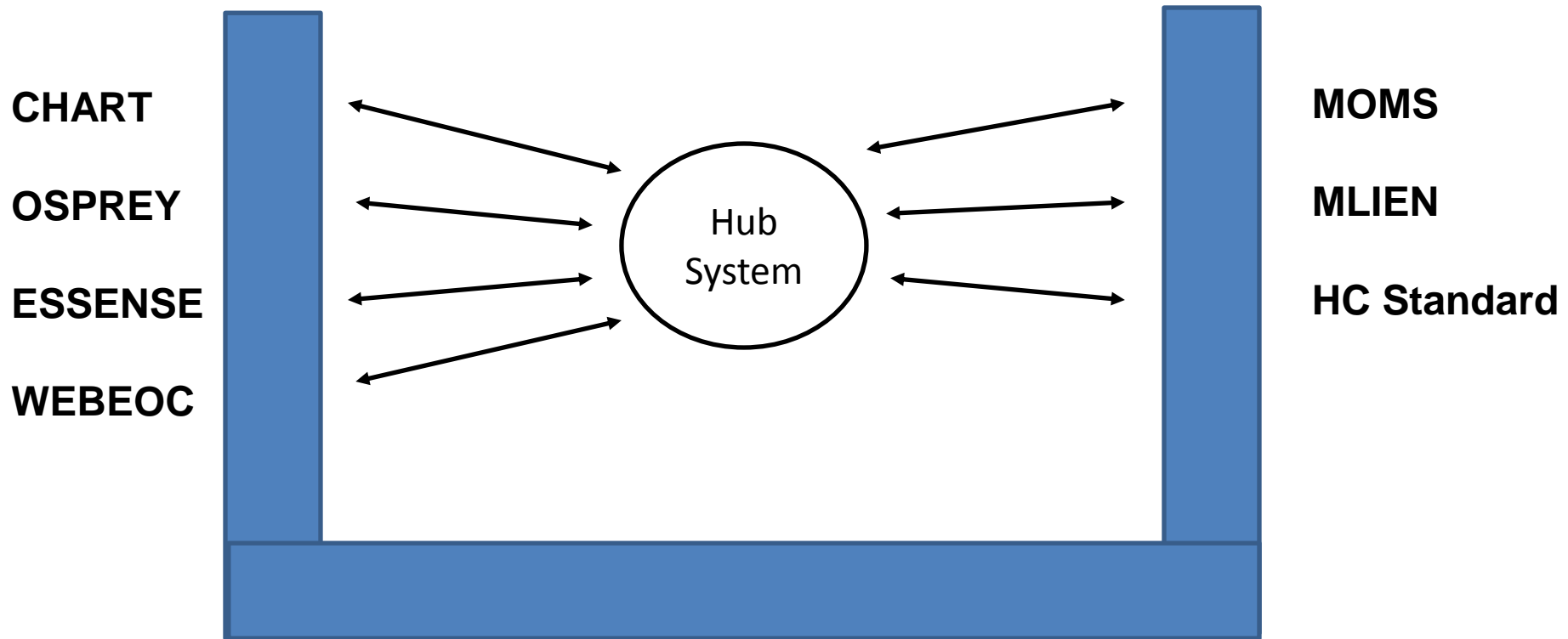
WORK GROUP MEMBERSHIP (INCLUDES)

BMC	DNR	EMA
Sandi Stroud	Tim Bowman	Ken Mallette
DCSPS	GOCCP	Joseph Brocato
Ron Brothers	Edward Parker	Jordan Nelms
DGS	GOV	MIA
Margret Fischer	Andy Lauland	MIEMSS
DHR	Mike Powell	David Balthis
Pam Spring	Brendan Armbruster	John Donohue
DHMH	MACC	MDNG
Sherry Adams	David Engel	Major Clay Allison
DoIT	MDE	MSP
Elliot Schlanger	Tom Levering	Tawn Gregory
Barney Krucoff	Alan Williams	PGCO
Ken Miller	MDOT	Patrick Callahan
Mickey Brierley	Bud Frank	Baltimore City
Jason Keppler	Dave Rossbach (SHA)	Police
Ron Witkowski	R.Earl Lewis (MTA)	911

WHAT IS A HUB SYSTEM



WHAT IS A HUB SYSTEM



- Data Discovery
- Security
- Metadata
- Transformation
- Load management
- Notification
- Procedures

SEVERAL HUB SYSTEMS

Firefox Maryland iMap Portal +

Firefox State of Maryland iMap +

Firefox Maryland StateStat +

Firefox ncr_geospatial_data_exchange.pdf (appli... +

proceedings.esri.com/library/userconf/mug11/papers/ncr_geospatial_data_exchange.pdf ncr.gdx

The screenshot displays the National Capital Region Geospatial Data Exchange website. The page features a blue header with the site's name and a navigation menu. Below the header, there is a 'Libraries' section with a table listing various geospatial data resources. The table includes columns for Title, File type, Posted by, Organization, Partner, Upload Date, and Rating. The data is organized into a table with 7 columns and 12 rows of data.

Title	File type	Posted by	Organization	Partner	Upload Date	Rating
> Rockville City Facilities	ArcGIS REST	Marc Weinshenker	City of Rockville	Maryland	12/06/11 14:34	☆☆☆☆☆
> Rockville City Boundary (line)	ArcGIS REST	Marc Weinshenker	City of Rockville	Maryland	12/05/11 15:33	☆☆☆☆☆
> Maryland Cover Crops	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 18:22	☆☆☆☆☆
> Maryland Offshore Shipping lanes	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 18:19	☆☆☆☆☆
> Maryland Transportation Services	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 18:18	☆☆☆☆☆
> Population Growth Rate: Maryland 2009 - 2014	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 18:15	☆☆☆☆☆
> Maryland National Register of Historic Places	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 18:07	☆☆☆☆☆
> Maryland Multi-family sites	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 18:00	☆☆☆☆☆
> Maryland 100 Year Flood Plan	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 17:51	☆☆☆☆☆
> Maryland State Health Data	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 17:47	☆☆☆☆☆
> Maryland Inland Waters: Wetlands map	ArcGIS REST	MDAdmin MDAdmin	Maryland	Maryland	11/06/11 17:30	☆☆☆☆☆

Logos at the bottom: NCI / PHOTO SCIENCE, Touchstone, TechGlobal, Inc., and Custom Integrated Solutions.

SECURITY AND SHARING

- [DoIT Information Security Policy](#)
- “All Maryland State information is categorized into two main classifications with regard to disclosure:
 - Public
 - Confidential
 - Personally Identifiable Information (PII)
 - Privileged
 - Sensitive.

SECURITY AND SHARING

Some provisions of the policy...

- Access: Only those Maryland State employees or contractors with explicit need-to-know and other individuals for whom an authorized Maryland State official has determined there is a mission-essential need-to-share and the individual has signed a non-disclosure agreement.
- Distribution within State of Maryland systems; Delivered direct - signature required, envelopes stamped Confidential, or an approved, electronic email or electronic file transmission method.
- Distribution outside of State of Maryland systems: Delivered direct; signature required; approved private carriers; or approved encrypted electronic email or encrypted electronic file transmission method.

Future SA meetings on 3rd
Wednesdays at MCAC (Usually)

